

Fig.1

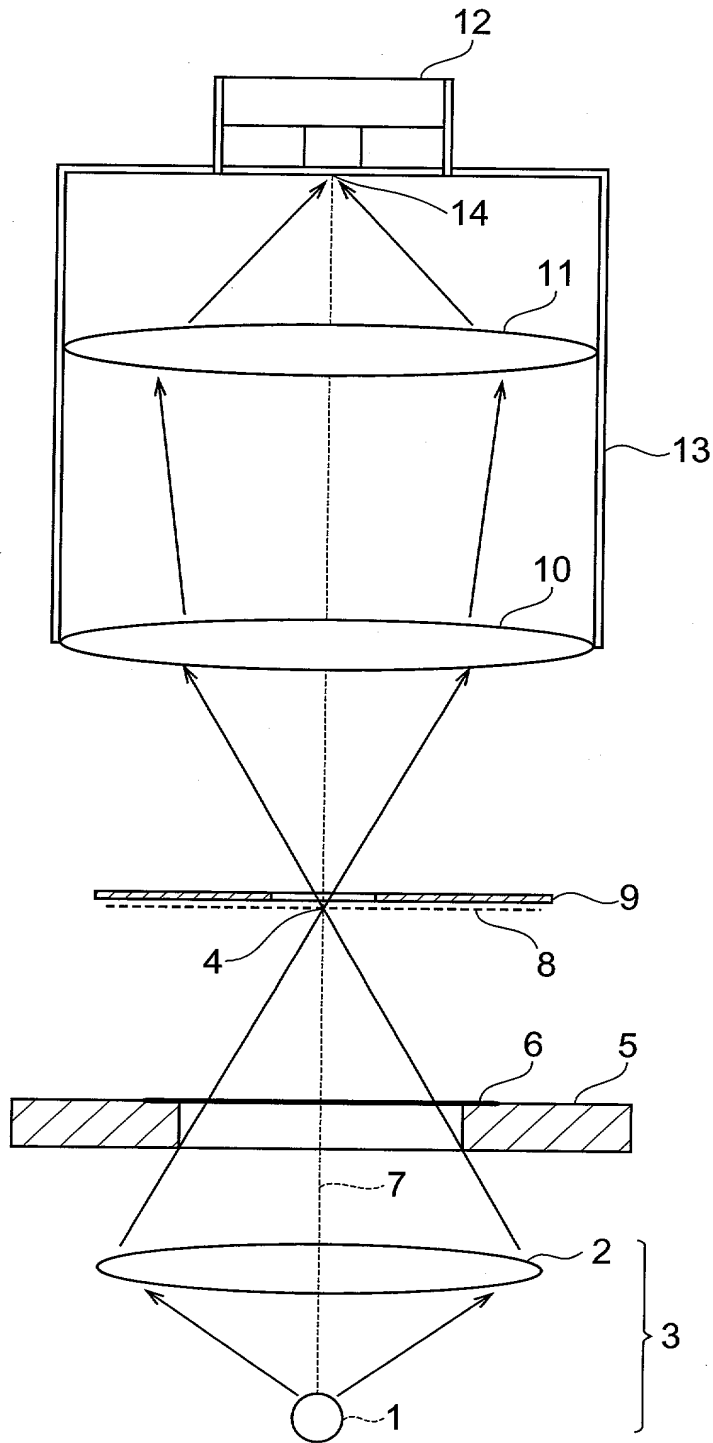


Fig.2

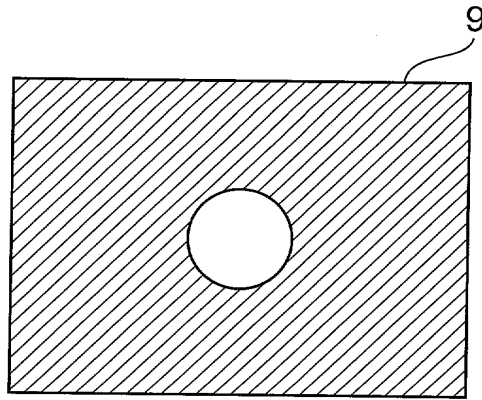
[illegible]

Figure 1 displays the chemical structures of five compounds, labeled 1 through 5. All compounds share a common 1,2,3,4-tetrahydro-5H-benzothiazepine core. The substituents at the 6-position are as follows:
 1: Methyl group (-CH₃).
 2: Methylthio group (-SCH₃).
 3: Methylthio group (-SCH₃) and a sulfoxide group (=S) at the 2-position.
 4: Methylthio group (-SCH₃) and a sulfone group (=S₂) at the 2-position.
 5: Methylthio group (-SCH₃) and a sulfonamide group (-S(=O)₂NH₂) at the 2-position.

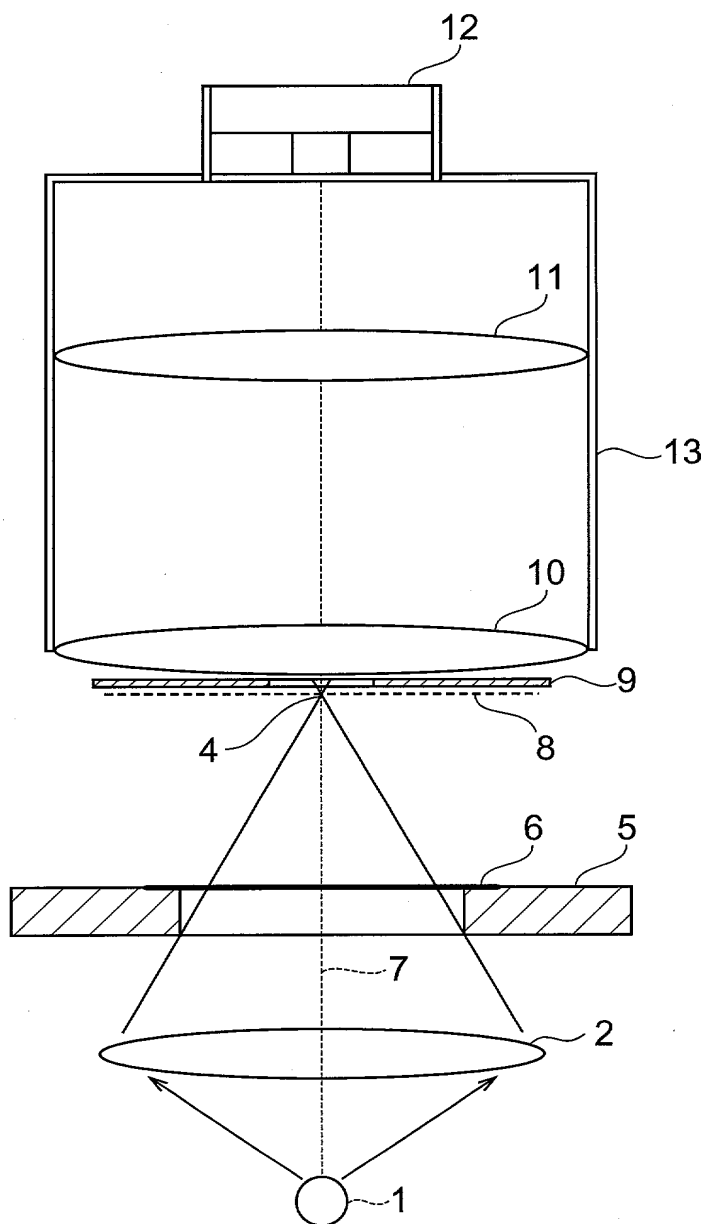
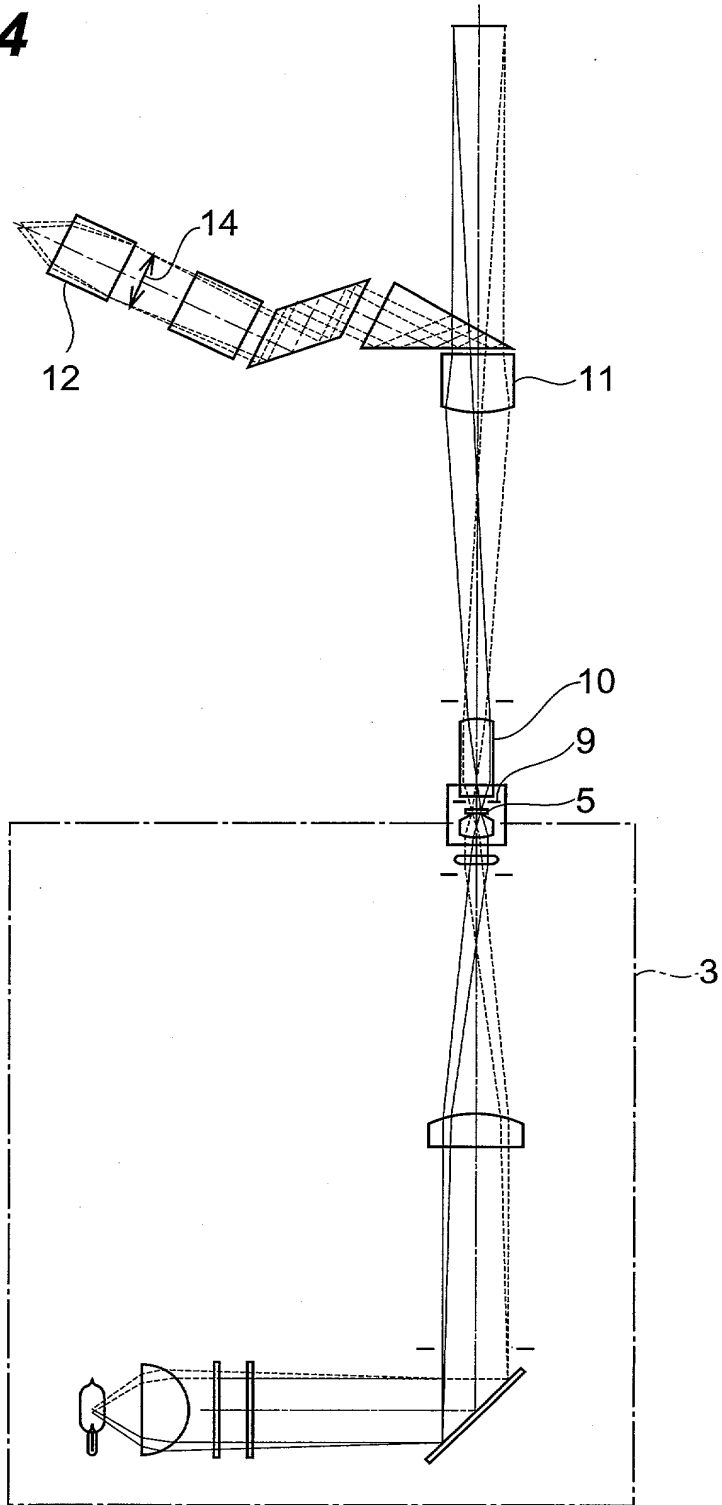


Fig.4



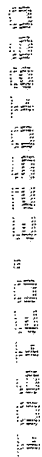


Fig.6

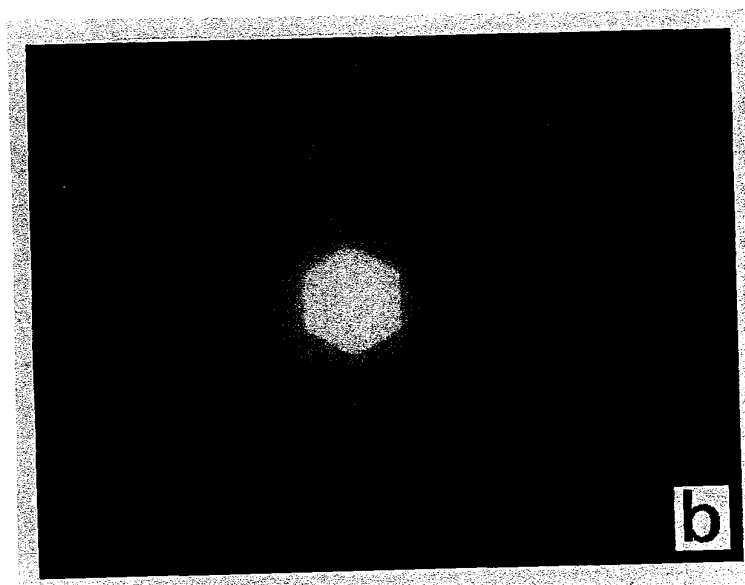


Fig.8

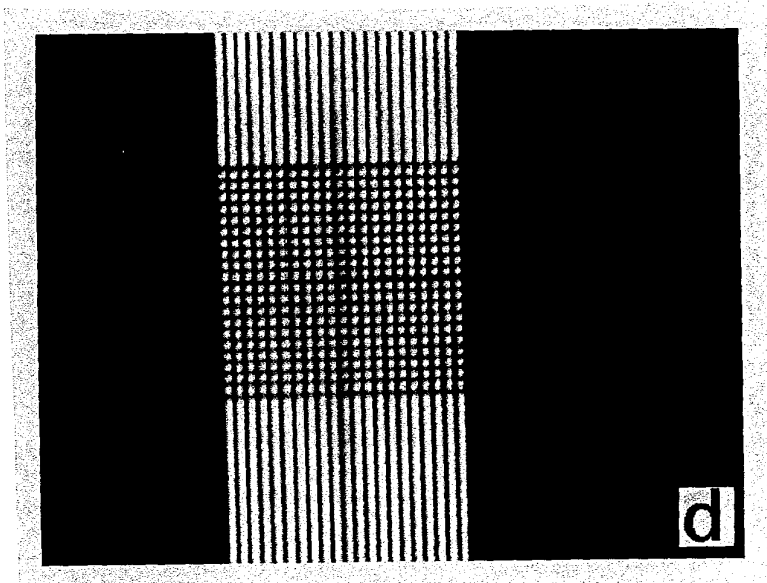


Fig.9

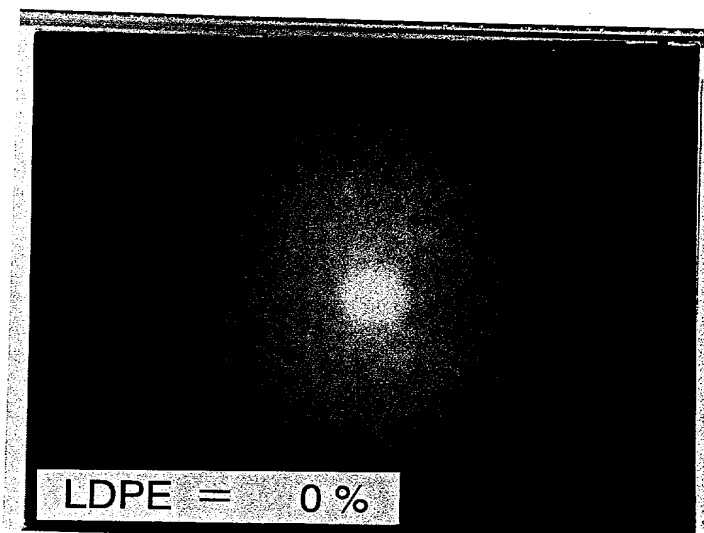
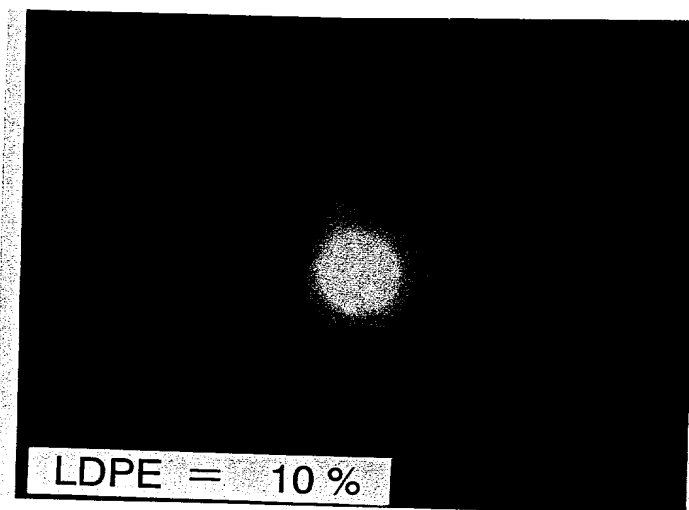


Fig.10



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Fig.11

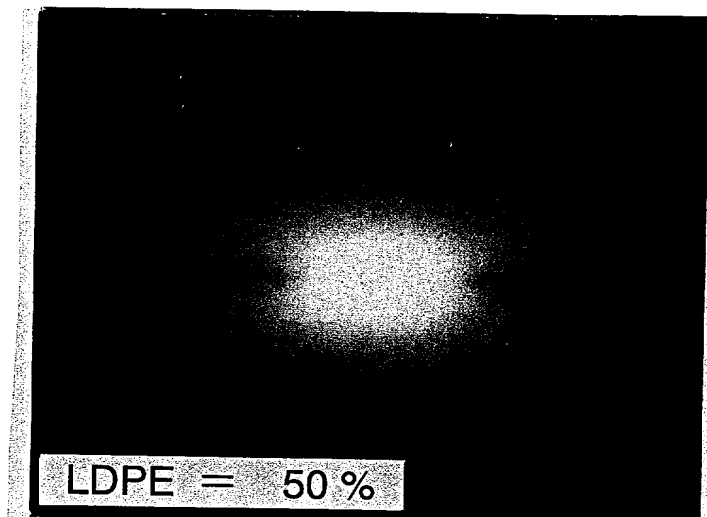


Fig.12

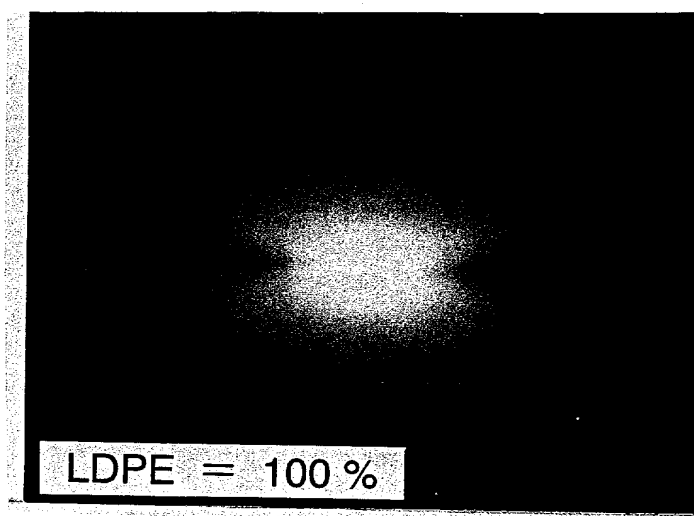


Fig.13

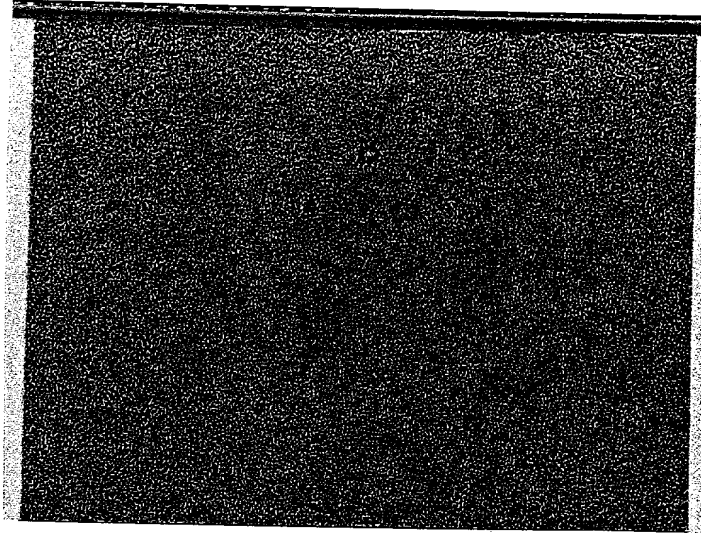
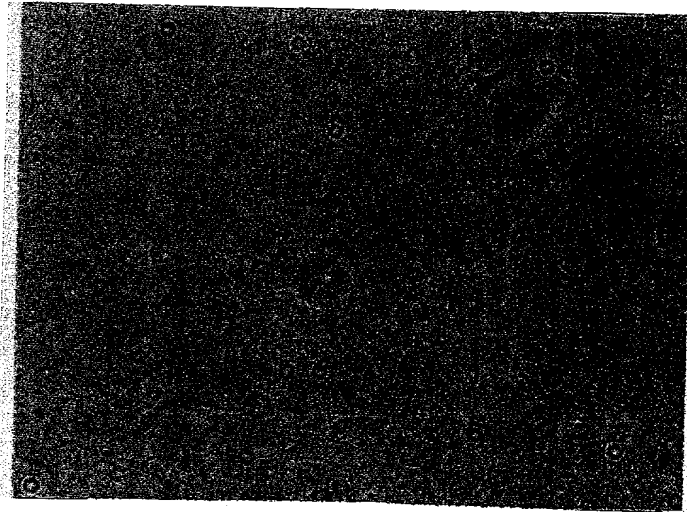


Fig.14



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Fig.15

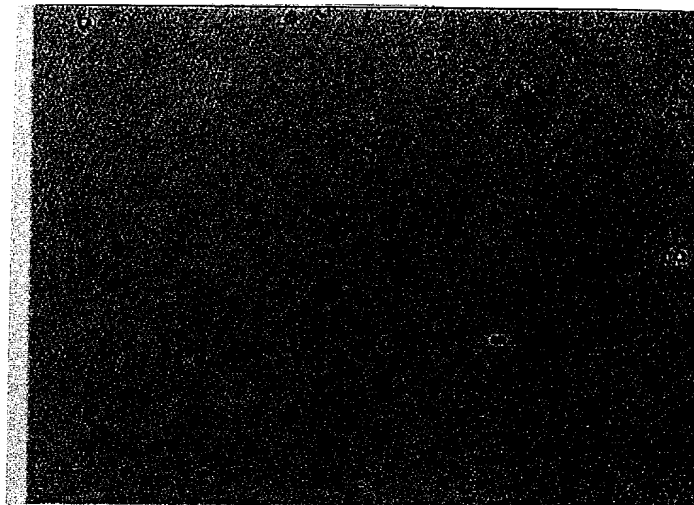
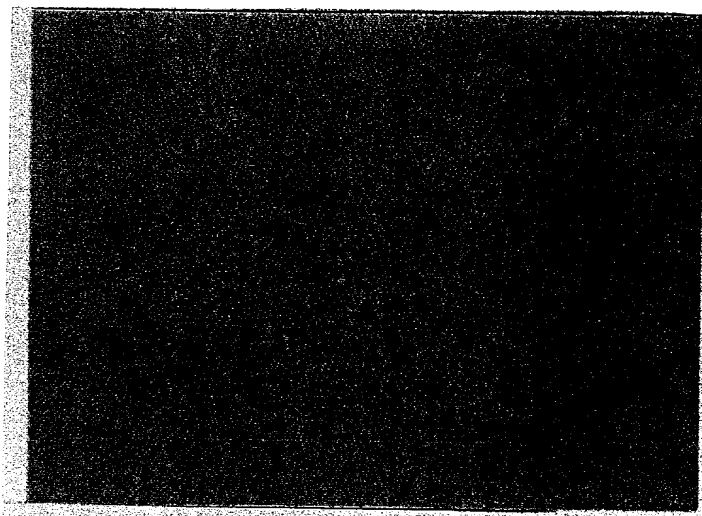


Fig.16



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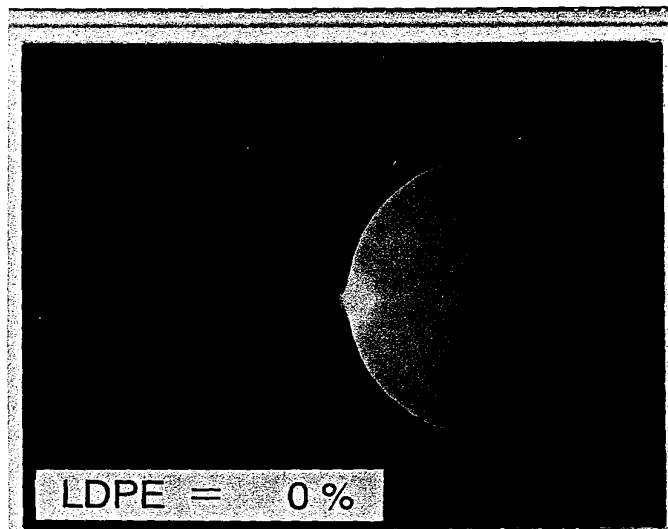


Fig. 18

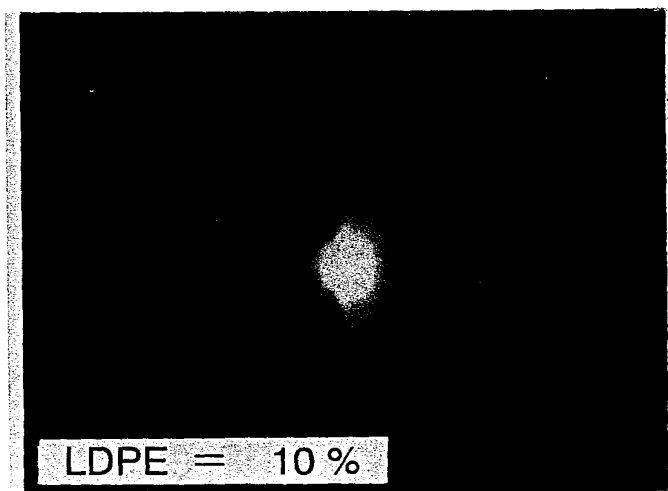
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Fig.19

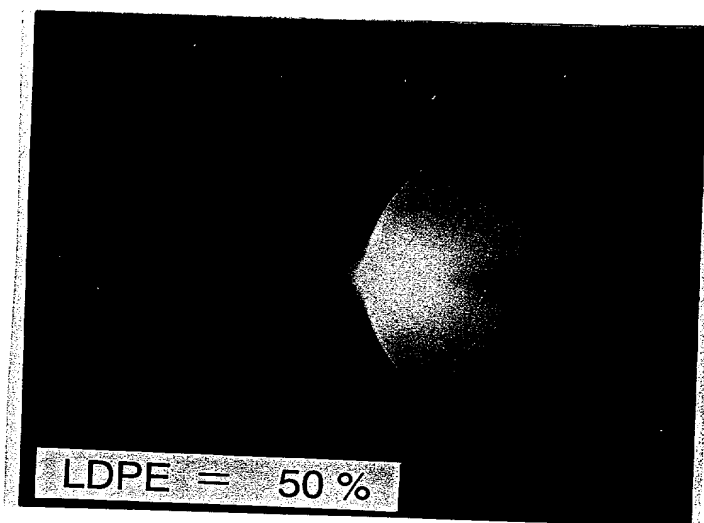
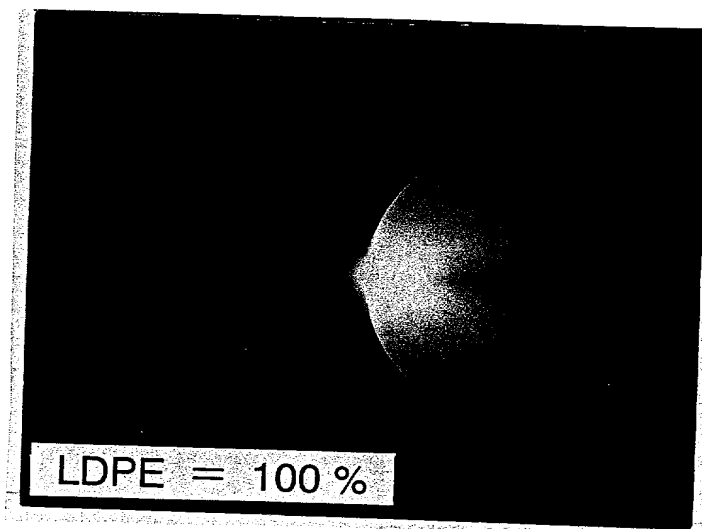


Fig.20



00010503 001001

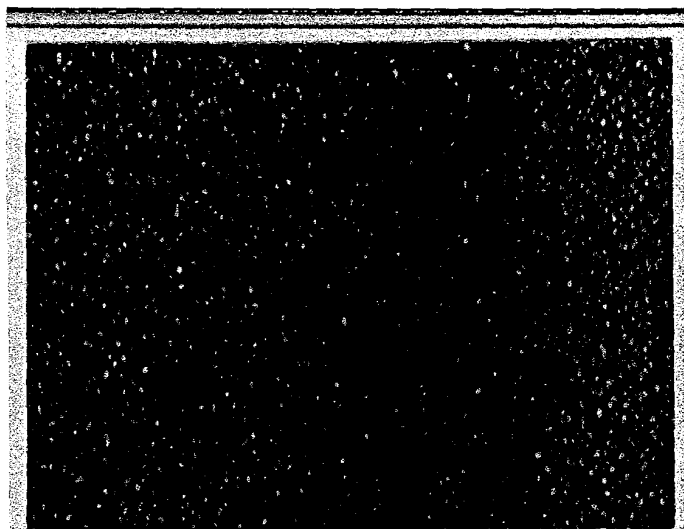


Fig.22

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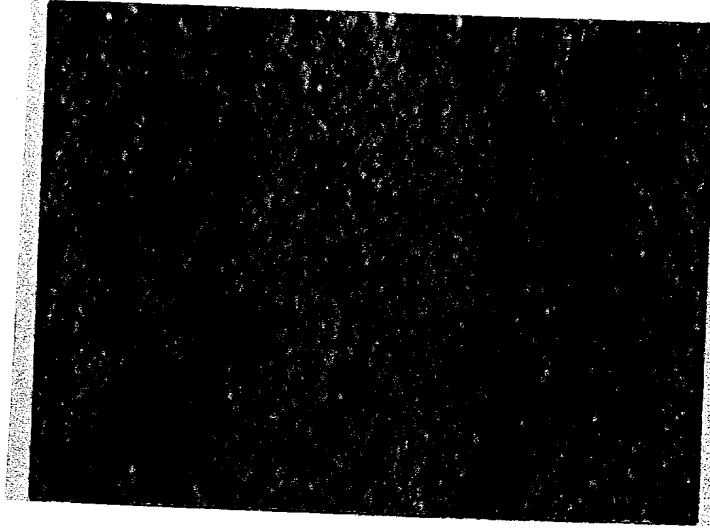
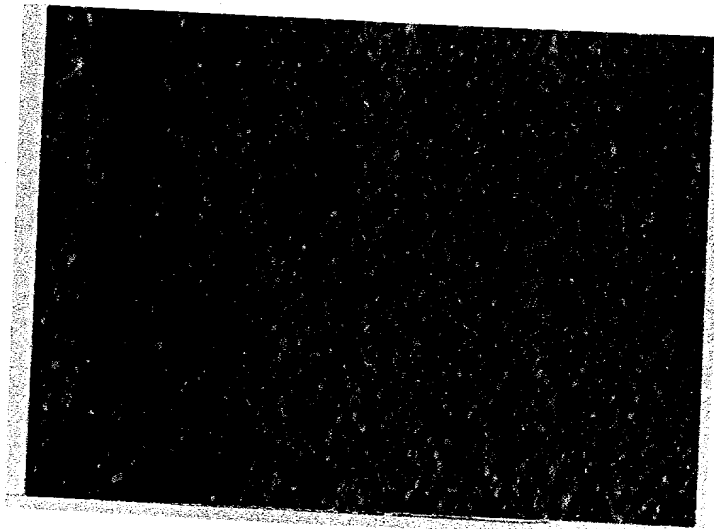


Fig. 24



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Fig.25

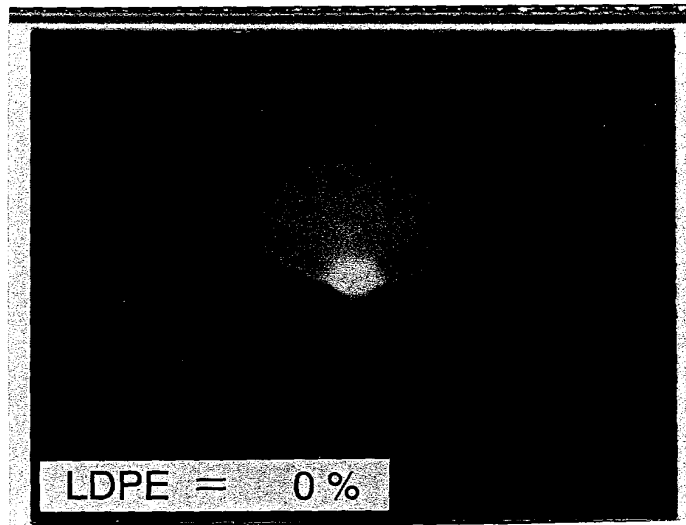
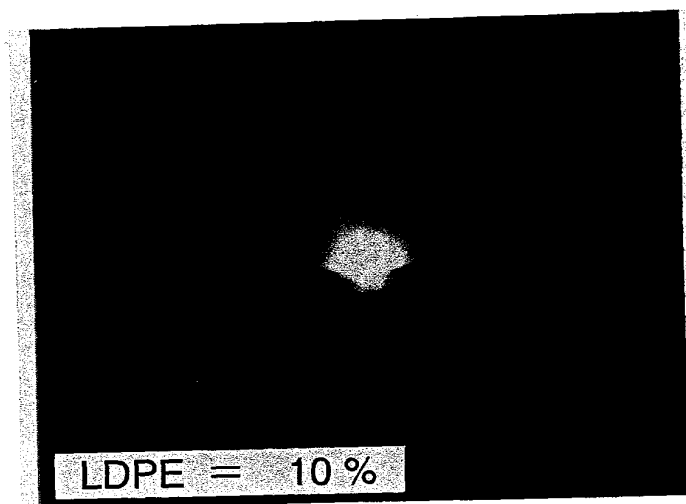


Fig.26



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Fig. 28

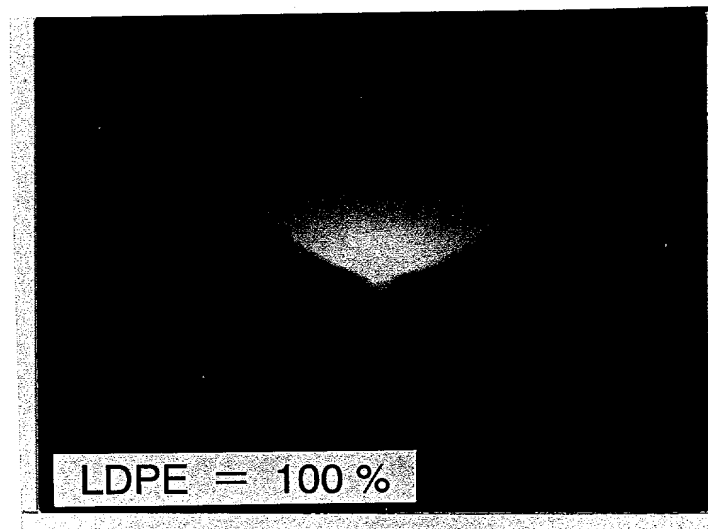


Fig.29

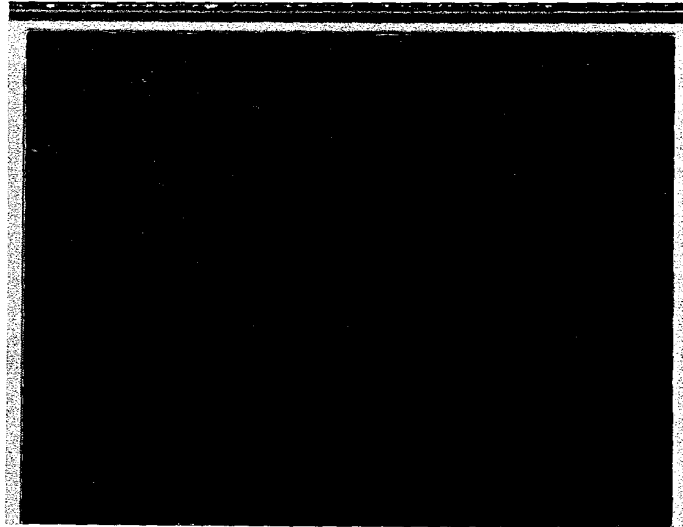
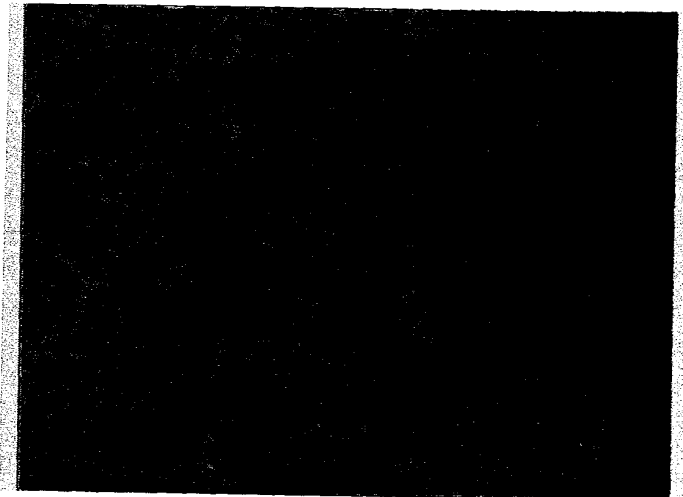


Fig.30



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Fig.31



Fig.32



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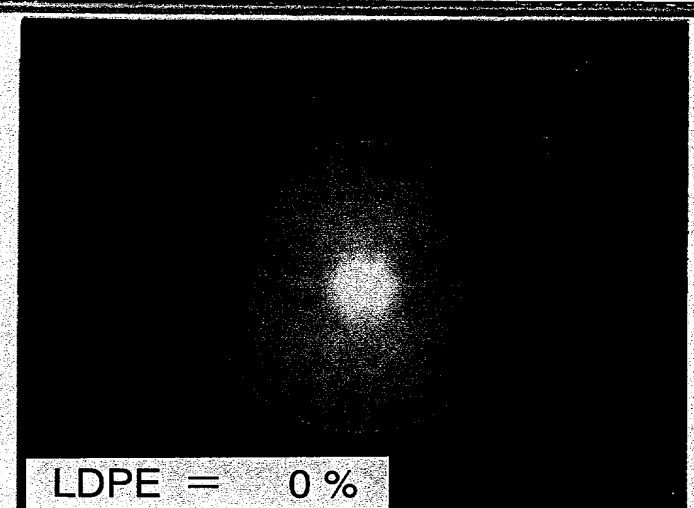
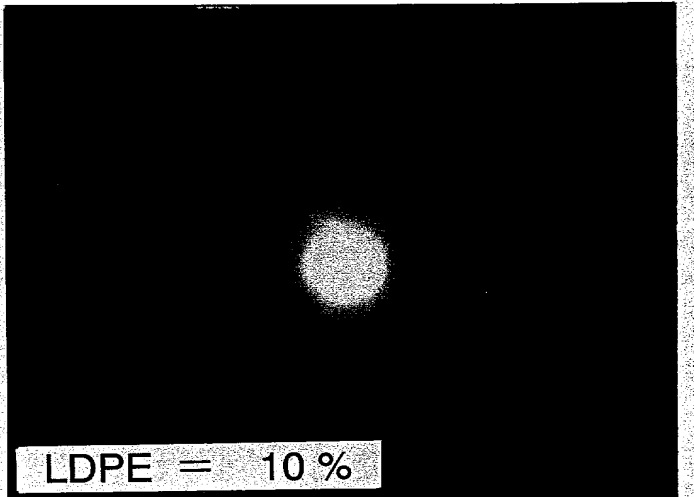
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Fig.34



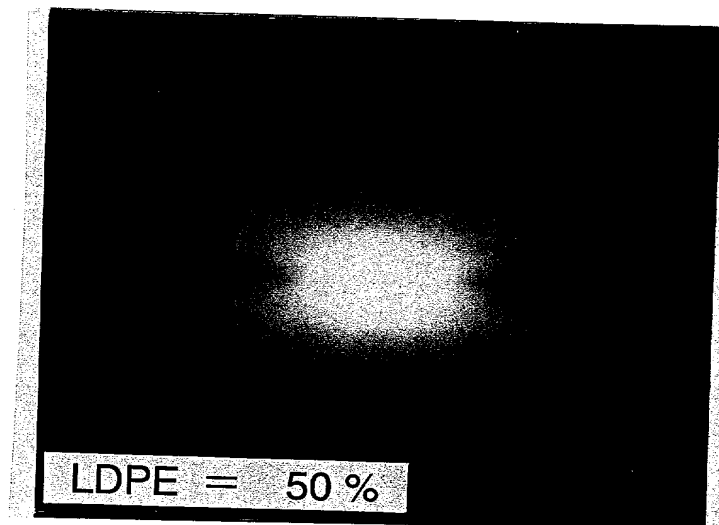


Fig.36

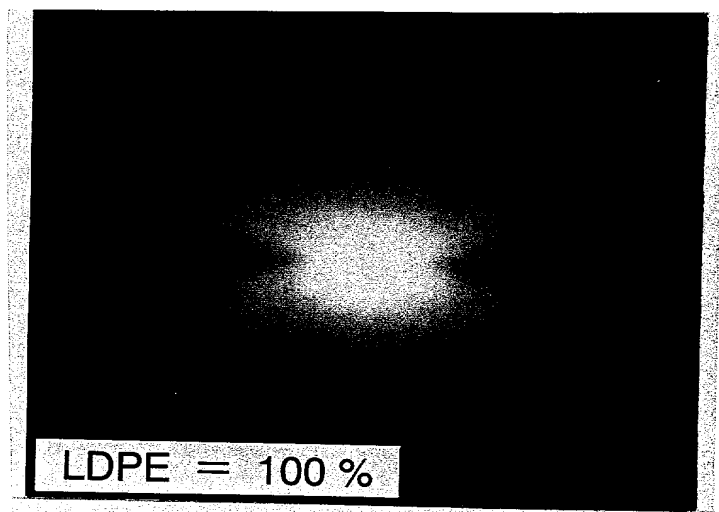
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Fig.37

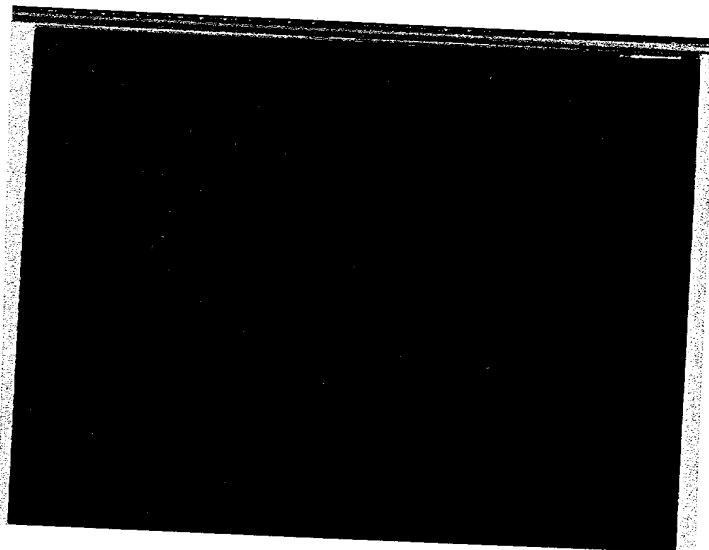
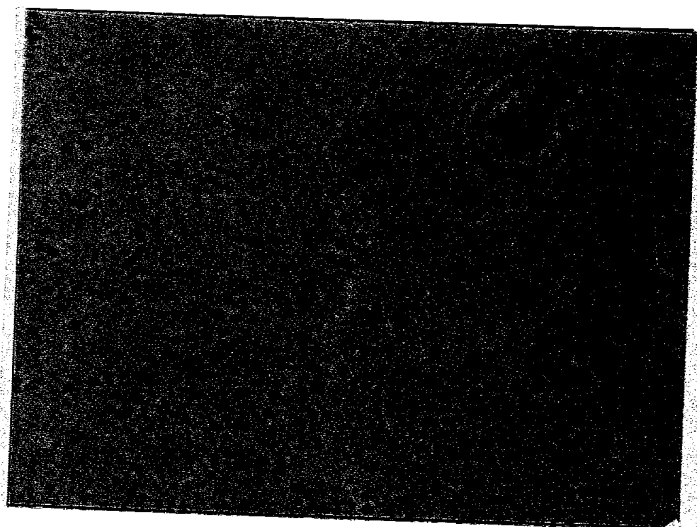


Fig.38



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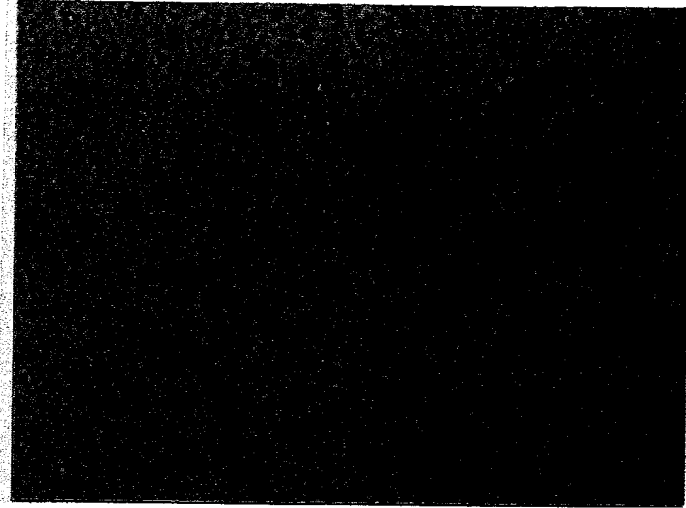
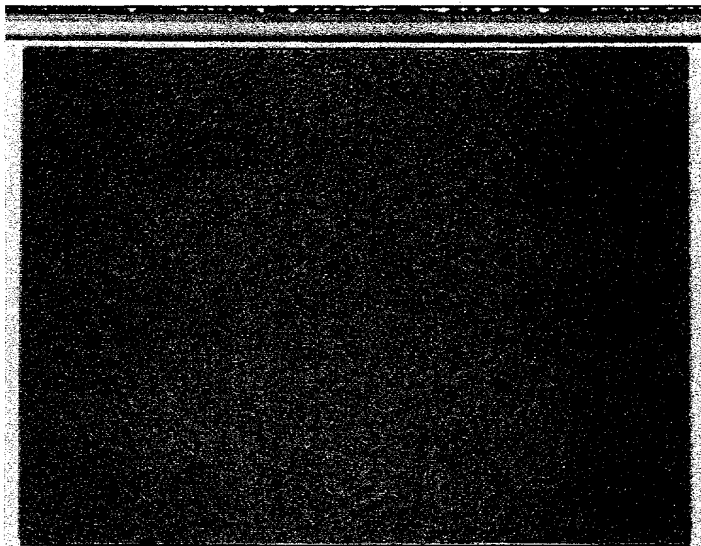


Fig.40

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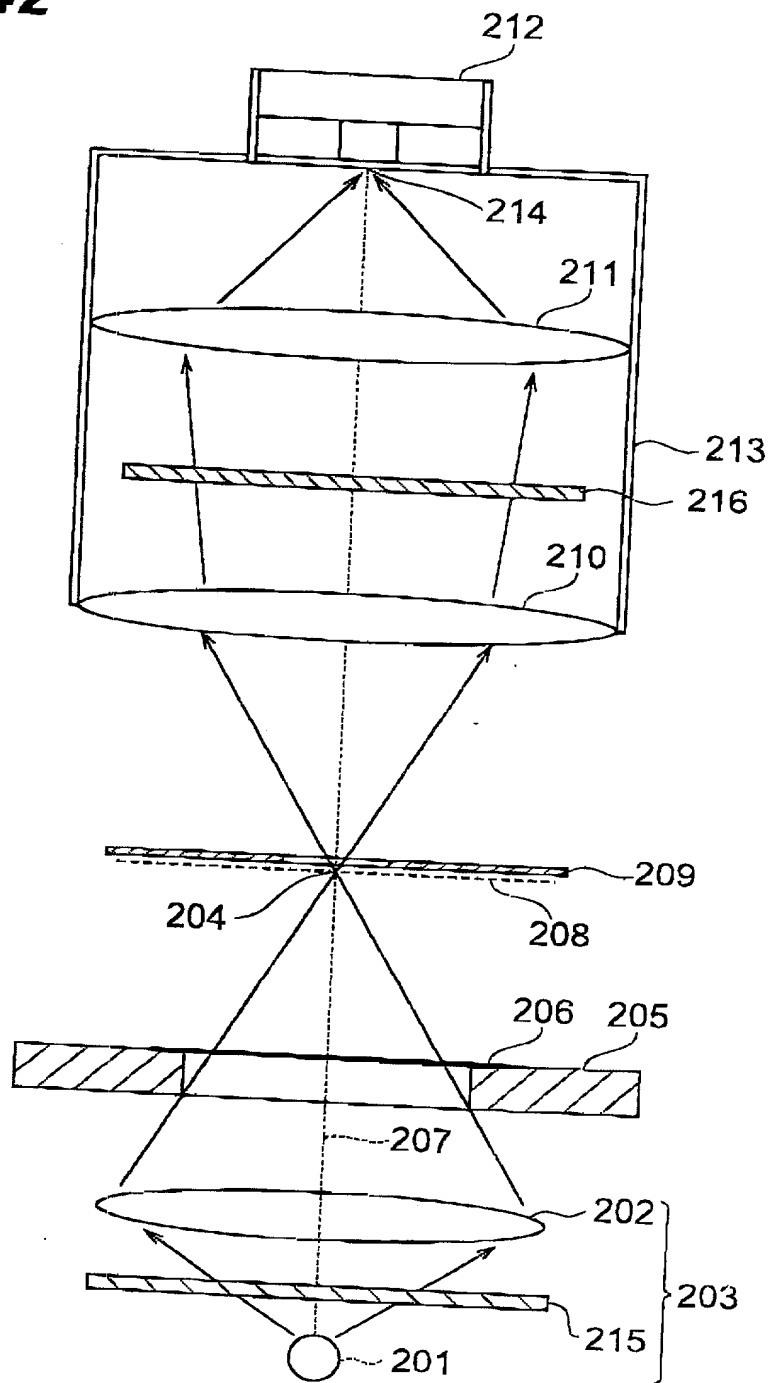
Fig.41



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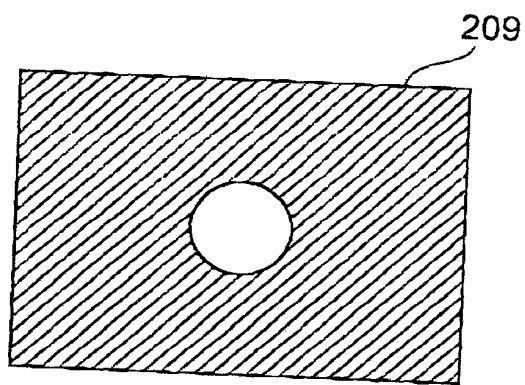
Fig.42



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Fig.43



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Fig.44

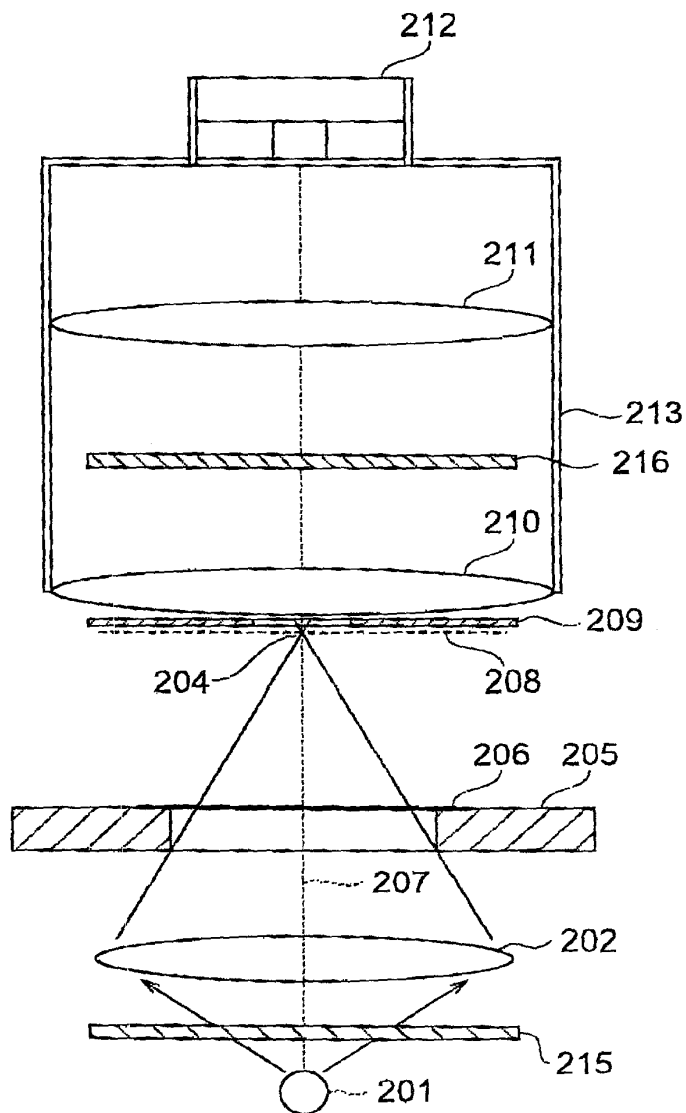


FIG. 44

Fig.45

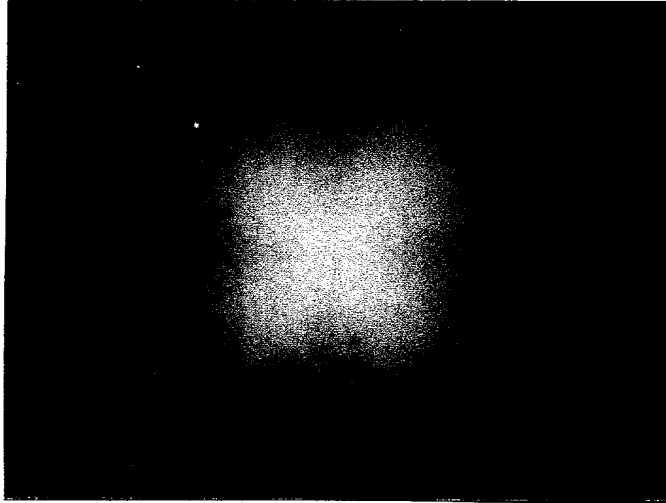


Fig.46



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Fig.47

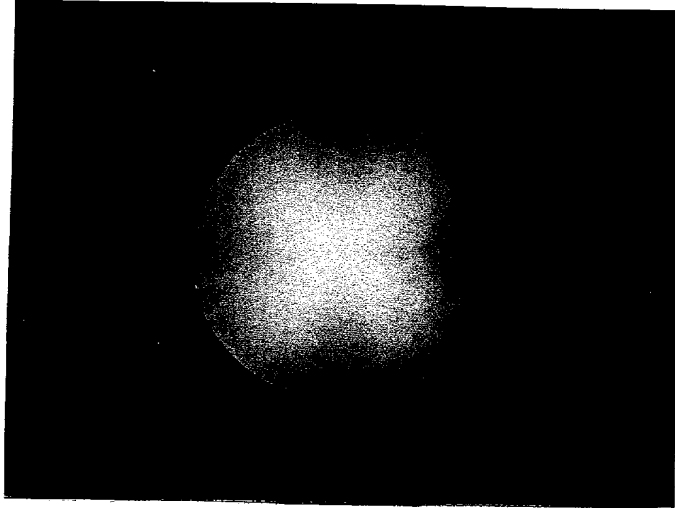
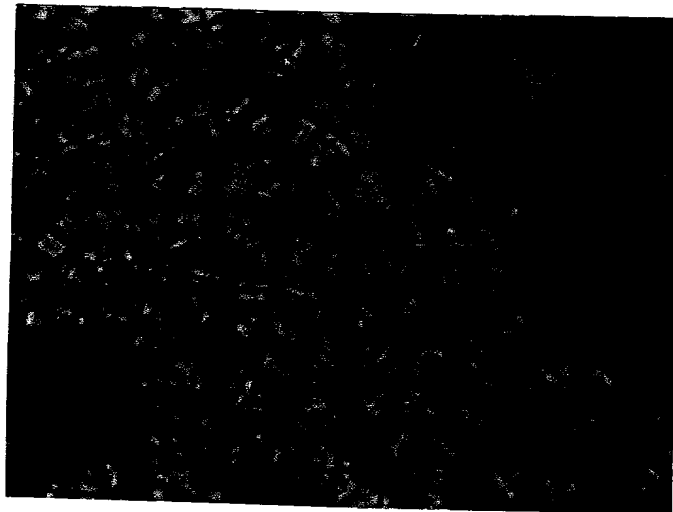


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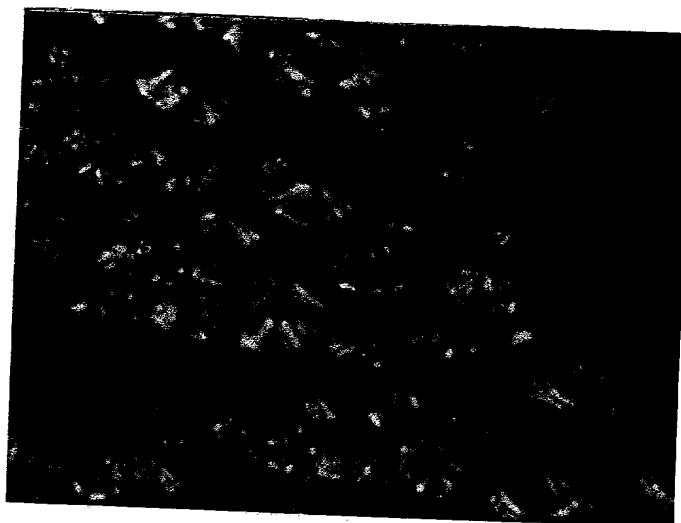


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Fig.49



Fig.50



090603-0900
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Fig.51

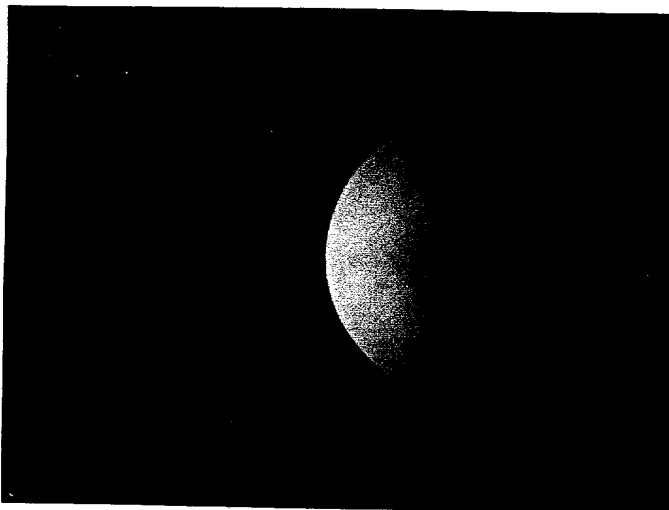


Fig.52

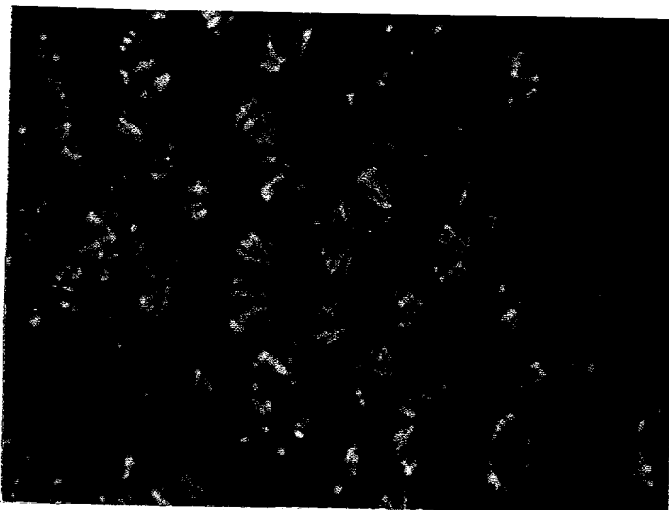
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Fig.53

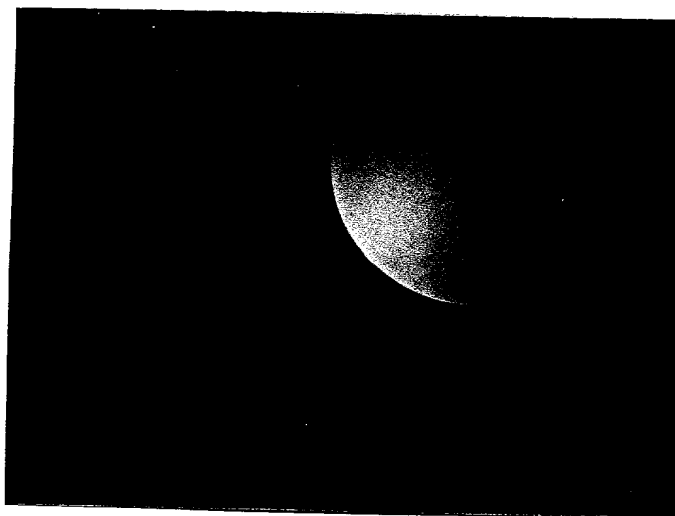
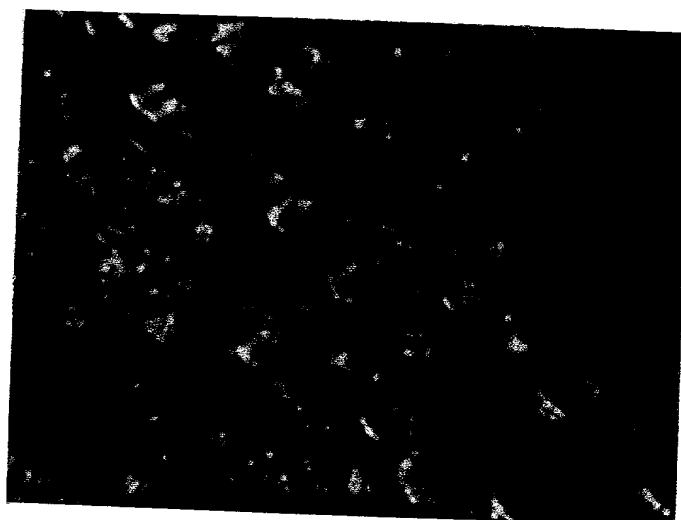


Fig.54



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Fig.55

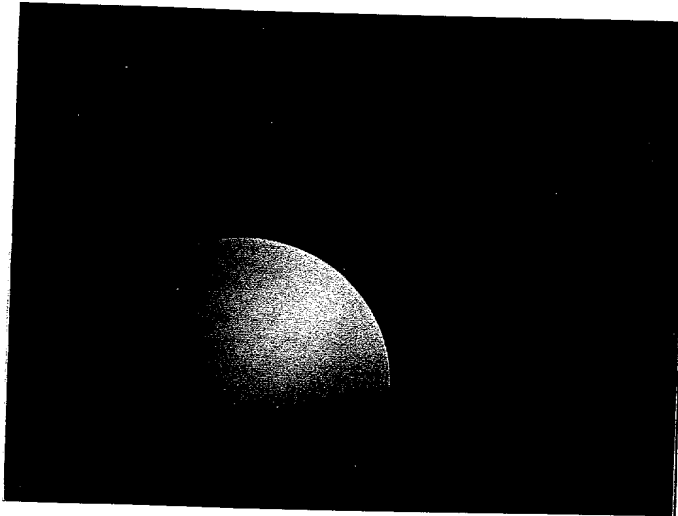
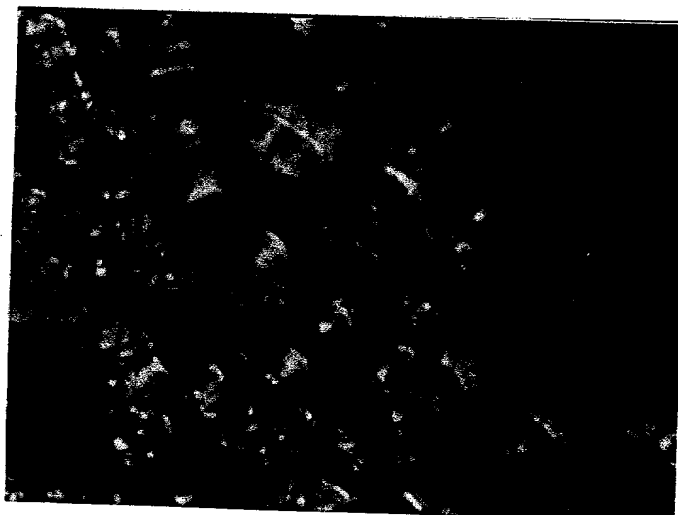


Fig.56



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Fig.57

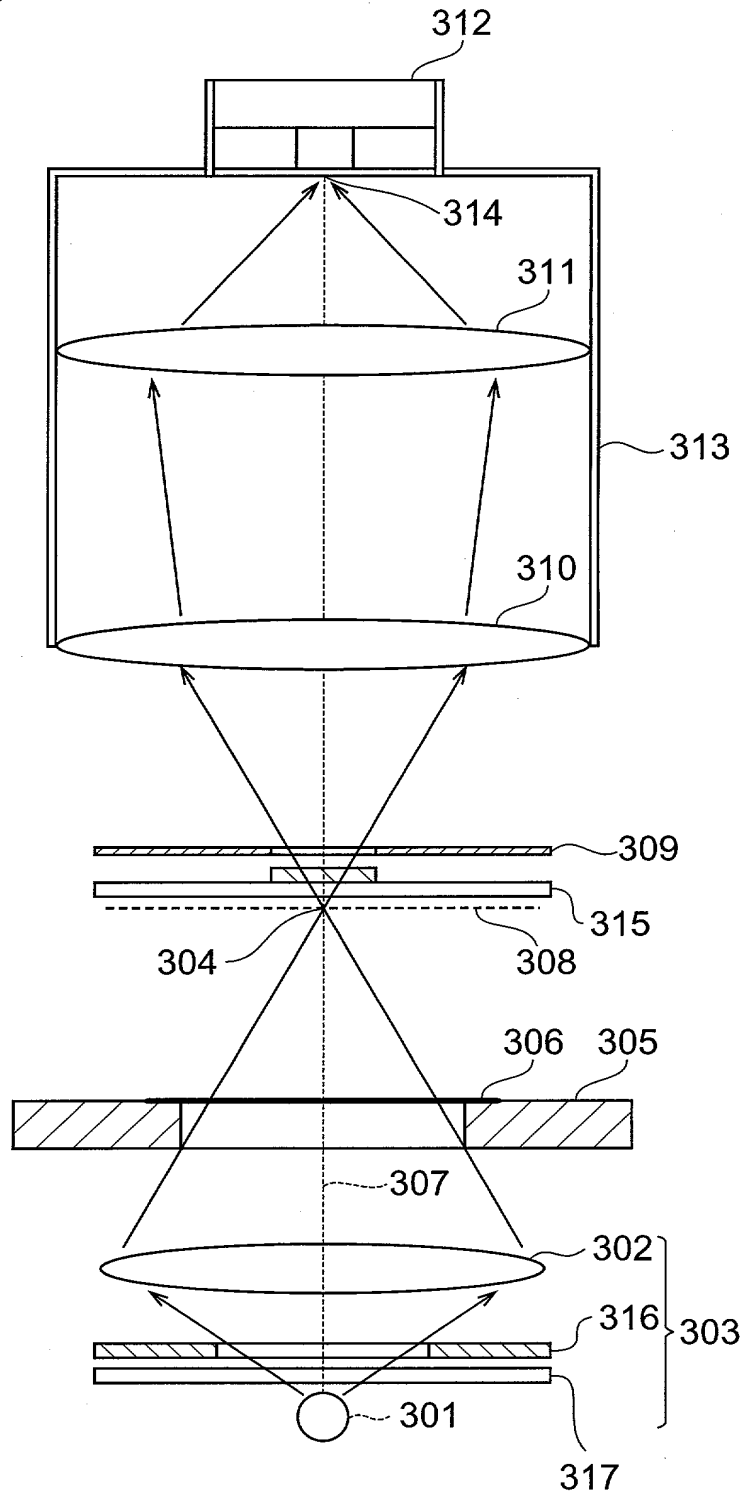


Fig.58

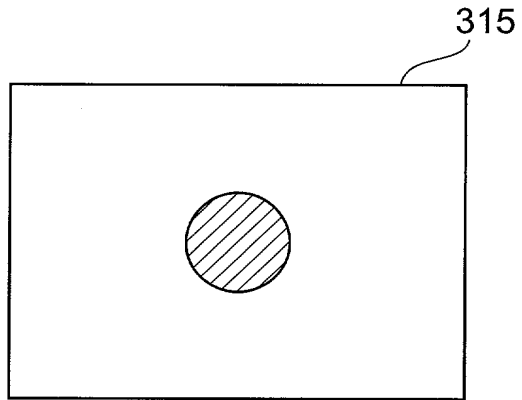


Fig.59

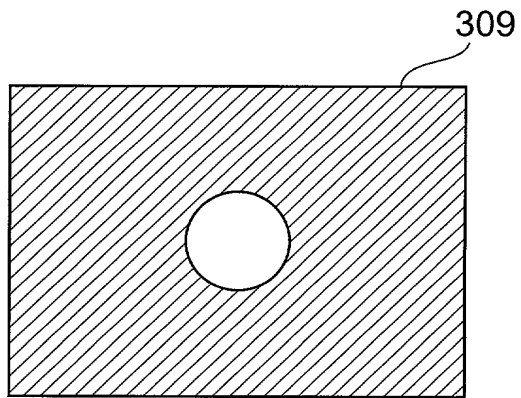


Fig.60

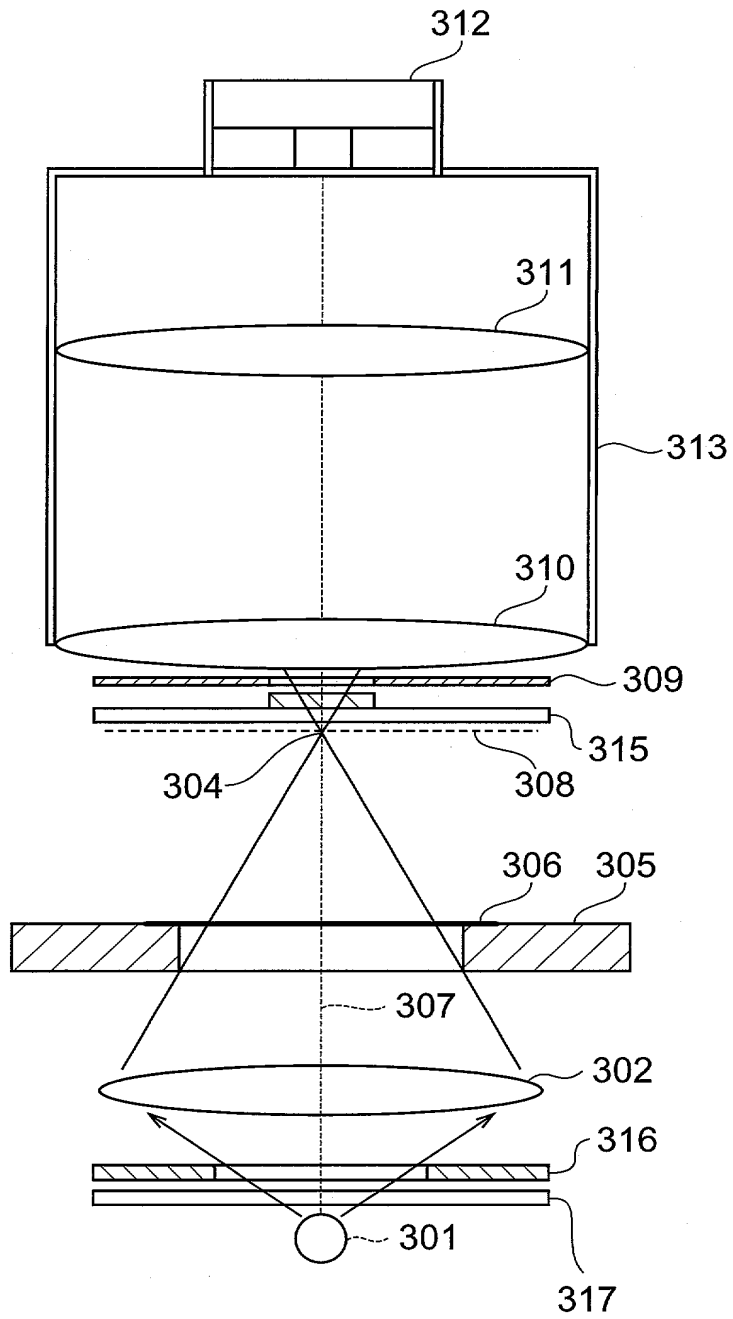


Fig.61

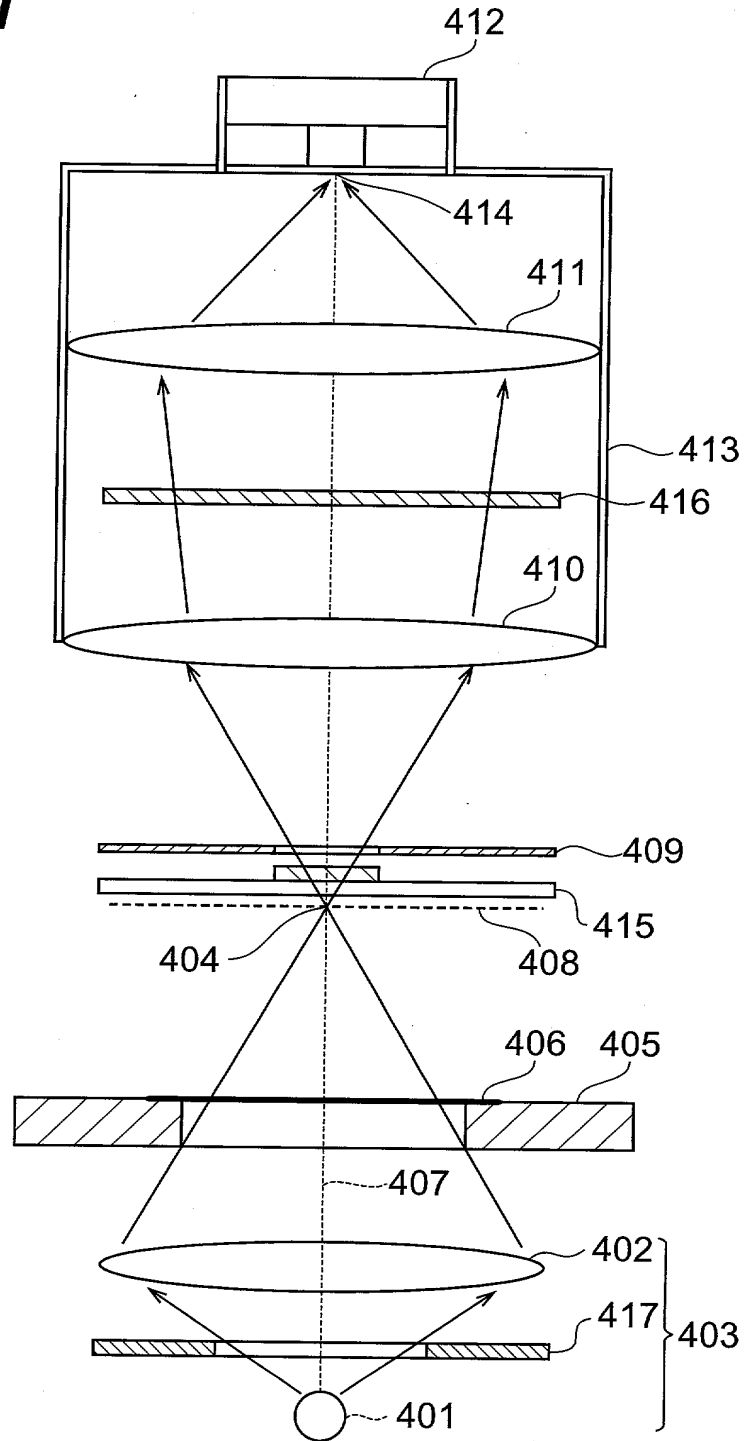


Fig.62

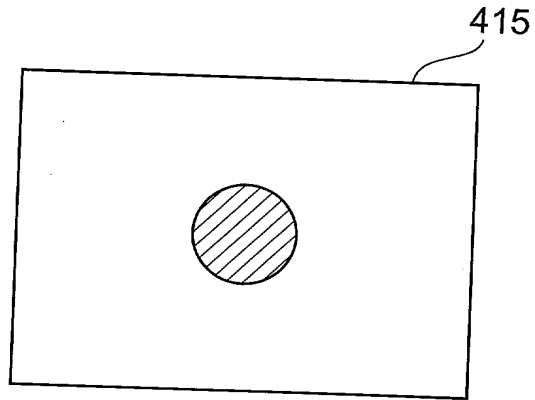
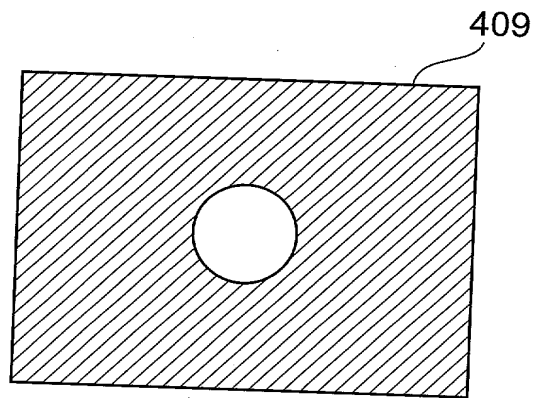


Fig.63



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Fig.64

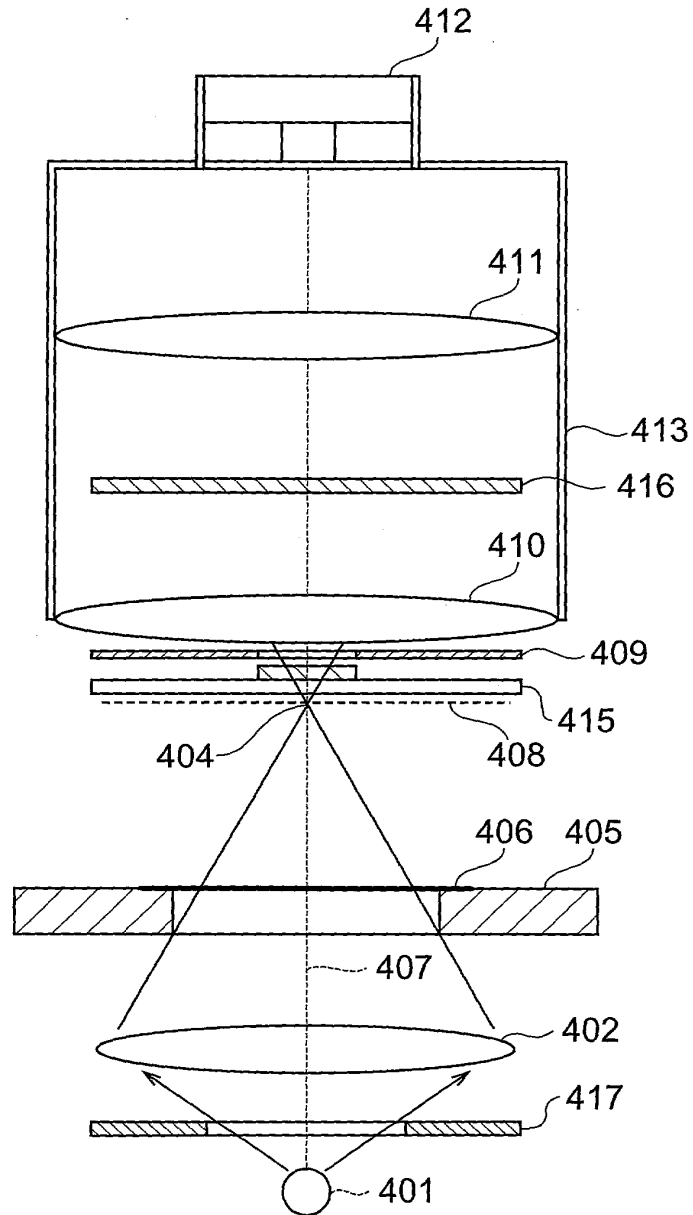


FIG. 64